



solving the mystery of complex care



Crack the case of concurrent conditions for often subtle signs of cognitive & mobility decline with **NEW** Hill's Prescription Diet Brain Care + j/d.

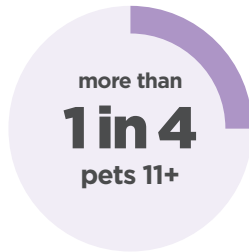
**SCIENCE
DID THAT.**

risk of developing cognitive & mobility issues increases as pets age

Cognitive dysfunction syndrome (CDS) and degenerative joint disease (DJD) affect pets' quality of life, and the risk of developing these conditions increases over time.

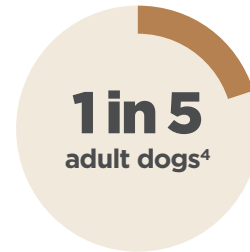
CDS PREVALENCE

PETS SHOWING SIGNS OF CDS^{1,2}



DJD PREVALENCE

PETS SHOWING SIGNS OF OSTEOARTHRITIS, A TYPE OF DJD³



helping pet parents recognize subtle signs

Early management can support improved outcomes & quality of life for pets with CDS & DJD. Diagnosis can be tricky due to subtle clinical signs that often are overlooked by pet parents. A pet parent checklist can be an essential tool for screening patients for CDS or DJD.

signs of CDS	signs of DJD [†]
<ul style="list-style-type: none">• Excessive vocalization*• Changes in social interaction• Altered sleep pattern• House soiling• Disorientation• Changes in activity level• Increased anxiety• Decreased learning ability	<ul style="list-style-type: none">• Difficulty standing from rest or using stairs• Decrease in jumping behaviors• Pain when joint is touched or moved• Stiffness or decreased range of motion• Limping or lameness• Changes in behavior (aggression, irritability)

*Cat only. [†]Signs of DJD in cats typically present as behavior changes.

for cognitive dysfunction & compromised mobility

Alongside a multimodal treatment plan consisting of environmental enrichment and/or medication, Hill's Prescription Diet Brain Care + j/d can help manage the signs of CDS and DJD — two common conditions for pets as they age.

HOW IT HELPS

Helps improve sleep patterns
& reduce occurrence
of accidents in the home

Helps increase alertness,
improve disorientation &
support memory

Supports & maintains
joint cartilage health



HOW IT WORKS

Rich in antioxidants to
combat signs of brain aging

High levels of Omega-3
fatty acids including DHA,
essential to brain health

Enriched with glucosamine,
Omega-3 fatty acids &
chondroitin sulfate

HOW IT HELPS

Supports cognitive
function in adult cats

Helps improve ability
to run, climb & jump

Helps maintain
lean muscle mass



HOW IT WORKS

Rich in antioxidants &
Omega-3 fatty acids

Enriched with Omega-3
fatty acids, glucosamine
& chondroitin sulfate

Enriched with essential
amino acids & L-carnitine

nutrition designed to help manage concurrent conditions

Hill's Prescription Diet portfolio delivers powerful nutritional benefits to help manage multiple conditions.

+ WEIGHT



+ FOOD &/OR ENVIRONMENTAL ALLERGIES



+ CANCER & MALNUTRITION



+ STRESS



+ MULTI



+ MOBILITY



+ FAT SENSITIVITIES



Visit Hill'sVet.com/concurrent-conditions to see our multi-condition portfolio

¹Nielson, J. C., Hart, B. L., Cliff, K.D. & Ruehl, W.W. (2001) Prevalence of behavioral changes associated with age-related cognitive impairment in dogs. Journal of the American Veterinary Medical Association 218, 1787-1791.

²Gunn-Moore, D., Moffat, K., Christie, L. A., & Head, E. (2007). Cognitive dysfunction and the neurobiology of ageing in cats. Journal of Small Animal Practice, 48(10), 546-553.

³Johnston SA. Osteoarthritis: joint anatomy, physiology, and pathobiology. Vet Clin North Am Small Anim Pract 1997;27:699-723.

⁴Roush JK, McLaughlin RM, Radlinsky MG. Understanding the pathophysiology of osteoarthritis. Vet Med 2002;97:108-117.

⁵Slingerland LI, et al. Cross-sectional study of the prevalence and clinical features of osteoarthritis in 100 cats. Vet J 2011;187:304-9.